

# Converting Colors

Hex(4AC77D)

Have a look what the booklet for  
Hex(4AC77D) contains.

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**Color**

**Hex(4AC77D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AC77D
RGB	74, 199, 125
RGB Percent	29%, 78%, 49%
CMY	0.7098, 0.2196, 0.5098
CMYK	0.63, 0.00, 0.37, 0.22
HSL	144°, 53%, 54%
HSV	144°, 63%, 78%
XYZ	26.9491, 43.7834, 26.4327
YIQ	153.1890, -50.7460, -49.5140

# Conversions

## Conversions Part 2

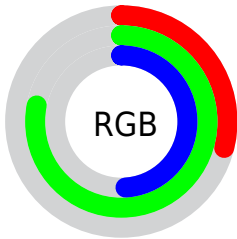
Format	Color
<a href="#">RYB</a>	<a href="#">74, 163, 199</a>
Decimal	<a href="#">4900733</a>
CIELab	<a href="#">72.08, -51.19, 27.10</a>
CIELCh	<a href="#">72, 57.925, 152.101</a>
Yxy	<a href="#">43.7834, 0.2774, 0.4506</a>
Android (android.graphics.Color)	<a href="#">4283090813 (0xFF4AC77D)</a>
YUV	<a href="#">153.1890, -13.8972, -69.4488</a>
Hunter-Lab	<a href="#">66.1690, -43.0967, 22.6336</a>

# Details

The Hex color **4AC77D** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C74A94**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **86FFB2**, and **00904B** is the 20% darker color. If you saturate the color by 10%, you get **36C771**, and if you desaturate by 10%, it is **5EC789**.

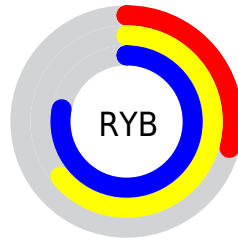
# Distribution



Red (29%)

Green (78%)

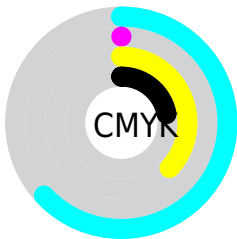
Blue (49%)



Red (29%)

Yellow (64%)

Blue (78%)

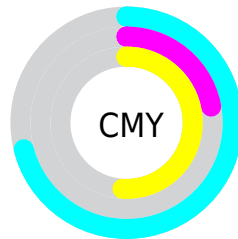


Cyan (63%)

Magenta (0%)

Yellow (37%)

Black (22%)



Cyan (71%)

Magenta (22%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AC77D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4AC77D by changing the saturation by 10% instead.





4AC77D



4AC77D

FFFFFF



26AB64



86FFB2



00904B



A4FFCE



007534



C1FFEA



005C1D



DFFFFFF



004305



FDFFFF



002D00



000E00



000000



4AC77D



4AC77D

 36C771

 5EC789

 22C765

 72C795

 0EC75A

 86C7A0

 00C751

 9AC7AC

 AEC7B8

 C1C7C4

 D5C7CF

 E9C7DB

 FDC7E7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95BE52



4AC77D



00CBB3

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4AC77D



4CB5FF



FF897B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4AC77D



C74A94

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF82AF



4AC77D



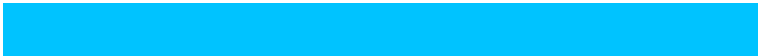
B8A1FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4AC77D



00C3FF



F48DE3



F59C53

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4AC77D



00CBD7



F48DE3



FF858C

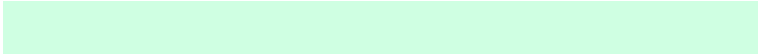


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4AC77D



CFFFE2



95C74A



62806E



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4AC77D



40FF8E



4AC7BB



5A635E



00A343



00240F



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C74A94



FF40B1



C74A57



635A5F



A30061



240015



# Previews

## White Background



This preview shows how the Hex color 4AC77D looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 4AC77D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4AC77D Background



This preview shows how black text looks on a background with the Hex color 4AC77D.

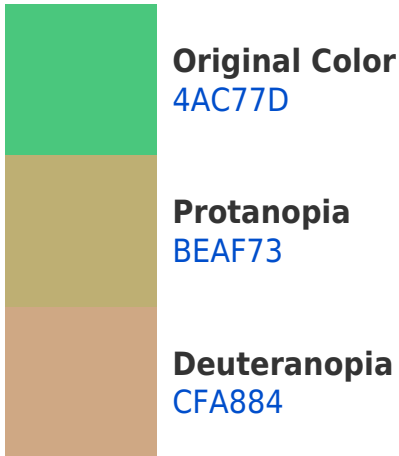


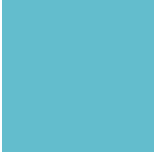
This preview shows how white text looks on a background with the Hex color 4AC77D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
63BDCD

# Trichromacy



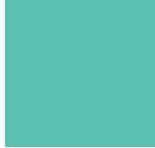
**Original Color**  
4AC77D



**Protanomaly**  
94B877



**Deuteranomaly**  
9FB381



**Tritanomaly**  
5AC1B0

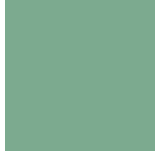
# Monochromacy



**Original Color**  
4AC77D



**Achromatopsia**  
999999



**Achromatomaly**  
7CAA8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AC77D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4AC77D looks like.

```
.text, #text, p{  
    color:#4AC77D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4AC77D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC77D
}
```

## Border

The CSS property to change the border of an element to Hex 4AC77D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4AC77D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4AC77D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4AC77D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC77D; -webkit-box-shadow:4px 4px  
4px 4px #4AC77D; box-shadow:4px 4px 4px  
4px #4AC77D }
```

# Background

The CSS property to change the background color of an element to Hex 4AC77D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC77D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4AC77D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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